

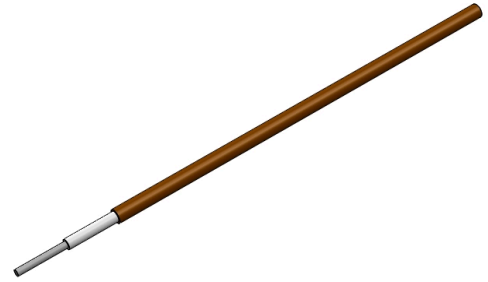
.034 Coaxial Cable – 17 Ω Semi-Rigid Copper – Non-Magnetic, Special Impedance



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EZ-34-17

ø.034" Semi-Rigid Copper Outer Conductor, SPC Center Conductor, PTFE Dielectric, 17 Ω. Non-Magnetic, Special Impedance.



Specifications

DIMENSIONS

Center Conductor Diameter	0.0159 in
Dielectric Diameter	0.0250 in
Outer Conductor Diameter	0.0340 in

MATERIALS

Center Conductor Material	SPC
Dielectric Material	PTFE
Outer Conductor Material	Copper
RoHS Compliant	Yes

MECHANICAL CHARACTERISTICS

Minimum Temperature	-55 °C
Maximum Temperature	+150 °C
Inside Bend Radius (Minimum)	0.125 in
Weight	0.27 lbs per 100 ft

ELECTRICAL CHARACTERISTICS

Nominal Impedance	17.0 Ω
Nominal Impedance Margin	±3.0 Ω
Velocity of Propagation	69.50%
Shielding Effectiveness	>165 db
Voltage Withstanding	500 VRMS @ 60 Hz
Continuous Working Voltage	200 VRMS max
Maximum Operating Frequency	127 GHz

Attenuation

FREQUENCY	DB / 100 FT TYPICAL
0.5 GHz	59.5 db
1.0 GHz	84.6 db
5.0 GHz	191.9 db
10.0 GHz	275 db

Power

FREQUENCY	WATTS CW @ 20 °C (MAX)
0.5 GHz	27 W
1.0 GHz	19 W
5.0 GHz	8.4 W
10.0 GHz	5.9 W